SONY VAIO

VGN-AR270GA

VAIO® AR Digital Studio™ Notebook PC

The Premiere Entertainment Notebook PC.

SUMPTUOUS DESIGN

From the moment you take it out of its box, you'll notice the VAIO® AR Digital Studio™ Notebook is more than just a device, it's a showpiece. First of all, it's gorgeous. With its black exterior and sleek profile, interfaces and ports that are easily accessible yet stylishly and discreetly integrated; this beauty is the ultimate in portable entertainment performance.

MULTIMEDIA POWERHOUSE

With Microsoft® Windows® XP Media Center Edition 2005, you can view your movies and photos with stunning clarity and brilliant, true-to-life color. NVIDIA® GeForce® Go 7600GT graphics and GDDR3 memory deliver advanced graphics performance for immersive game play. You're also ready to capture and edit 1080i HD camcorder content. A built-in camera and microphone means it's conference and VoIP ready[12] . Multimedia shortcut keys at your fingertips make it easy to control your entertainment. It's the ultimate notebook PC for the A/V enthusiast.

FEATURING A STUNNING AND EXCEPTIONAL WIDESCREEN DISPLAY.

The VAIO® AR Digital Studio™ Notebook features a stunning 17" WUXGA (1920x1200) widescreen display[8] with Sony's original XBRITE-HiColor™ LCD technology. It delivers deep blacks and bright whites, true-to-life color, and razor-sharp detail. And with a glare filter and anti-reflective coating to minimize reflection, you'll experience a beautifully clear image. It's the ideal way to view DVDs and play games.

The luxuriously designed VAIO® AR Series notebook PC is the ultimate performer. With a 17" WUXGA display[8] , HDMI™ output, Microsoft® Windows® XP Media Center Edition 2005, NVIDIA® GeForce® Go 7600GT graphics and Intel® Core™ Duo performance, you will experience entertainment and gaming like never before. The VAIO® AR Notebook is a "Windows Vista™ Premium Ready" PC.

intel Centrino Duo Core 2 Duo inside

Microsoft Windows XP Media Center Edition

Designed for Windows XP Windows Vista™ Capable

Windows Vista™ Premium Ready

Bluetooth

XBRITE-HiColor™

like.no.other™

VGN-AR270GA

VAIO® AR Digital Studio™ Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Desktop Replacement
Action Buttons: S1, S2, AV Mode, Volume, Mute, Eject, Play/Pause/Stop, Wireless LAN On/Off, FF and Rewind
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch
Camera: Built-in camera and microphone

Processor

Type: Intel®Core™ 2 Duo Processor T7200
Speed: 2GHz[1]
Front Side Bus Speed: 667MHz
L2 Cache: 4MB
Technology: Intel®Centrino®Duo Mobile Technology

Memory

Type: DDR2 SDRAM
Installed: 2GB (1GBx2) PC2-4200
Maximum: 2GB
Speed: 533MHZ

Hard Drive

Capacity: 240GB[2] (120GBx2)
Speed: 5400rpm
Interface: Serial ATA
Technology: RAID Technology

Optical Drive #1

DVD+R DL Write: 4x max.
DVD+R Write: 8x max.
DVD+RW Write: 8x max.
DVD-R Write: 8x max.
DVD-RW Write: 6x max.
CD-R Write: 24x max.
CD-RW Write: 16x max.
DVD±RW: Yes[4]
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 4x max.
DVD-RAM Read: 5x max.

Expansion Slots

Multimedia Card Reader: Supports optional Memory Stick®and Memory Stick DUO™ media[5] with MagicGate®functionality and Secure Digital Media (SD)
One PCMCIA - Type II/Type I card slot with CardBus support
One ExpressCard™ /54 Slot

Audio

Sound System: Sony®Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WUXGA
Screen Size: 17"[8]
Resolution: 1920x1200
XBRITE HiColor™ Technology: Yes

Graphics

Processor: NVIDIA®GeForce®Go 7600GT
Video RAM: 256MB of dedicated Video RAM
Chipset: Intel®945PM
Interface: VGA out w/ Smart Display Sensor, HDMI out and S-Video out

Inputs and Outputs

Ethernet Port: 1
HDMI™ Connection Output(s): 1
Headphone Jack: 1
i.LINK®Interface: 1 (4pin) i.LINK®connector (IEEE 1394)[6]
Modem Jack: 1
Microphone Input: 1
Port Replicator Connector(s): 1
S-Video Output(s): 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
S/PDIF Output(s): 1

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX
Modem Type: Integrated V.92/V.90 Modem with (RJ-11)
Wireless LAN: Intel®PRO/Wireless 3915ABG Network Connection (802.11a/b/g)[3]
Bluetooth®Technology: Integrated Bluetooth®Technology[10]

Power

Battery Type: Standard Capacity Battery (VGP-BPS2C)
Estimated Battery Life: 1.5-3.0 hours[7] with standard battery
Power Requirements: 150W+10%

Software

Operating System: Microsoft®Windows®XP Media Center Edition 2005 with Update Rollup 2
Internet Services: AOL Online™ 180-Day Trial (New Users Only)
Anti-Virus and Recovery Software: Norton®Internet Security 60-Day Trial
TrendMicro™ Anti-Spyware 30-Day Trial
Supplied Software: InterVideo®WinDVD®
Roxio®Digital Media SE
Microsoft®Works 8.5
60-Day Trial Version of Microsoft®Office 2003[13]
60-Day Trial Version of Microsoft Digital Image Starter Edition 2006[14]
Intuit Quicken®2005 New User Edition
Sony®Original Software: Click to DVD®- DVD Creation
SonicStage Mastering Studio™ - Audio Mastering and Remastering
SonicStage®- Digital Music
DVgate™ Plus - Digital Video
VAIO Media™ - Network File Sharing
Image Converter - PSP™ Transfer
Trial Version of Sony®Popular Games

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[11]
Limited Warranty and Onsite Service: 1 Year Limited Warranty with Onsite Service[9]
Online and Email Support: Support available from http://www.esupport.sony.com

Dimensions

Weight: 8.4 lbs. (weight is approximate and may vary)
Measurements: 16.4"(W) x 1.32"(H) x 11.8"(D)

Supplied Accessories

Standard Lithium-ion Battery (VGP-BPS2C)
AC Adapter (VGP-AC19V15)
Power Cord
Remote and IR Receiver

Optional Accessories

Multi-Function Docking Station (VGP-PRFE1)
Large Capacity Battery (VGP-BPL2C)
Additional Standard Capacity Battery (VGP-BPS2C)
Additional AC Adapter (VGP-AC19V15)
Universal Carrying Case (VGP-AMB1)
80GB[2] HDD Drive Bay Unit (VGP-UHBX08A)
Neoprene Notebook and AC Adapter Case (VGP-AMC2)

Color: Glossy Black
UPC Code: 027242707818

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point. Internet connection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate® functionality.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
8. Viewable area measured diagonally.
9. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
10. Use of this Bluetooth enabled product with other devices may vary as not all Bluetooth devices are compatible.
11. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
12. Broadband connection is required along with third party services which may require a subscription fee and other service fees.
13. The Microsoft® Office 2003 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-use options and operations.
14. The Microsoft Digital Image Starter Edition 2006 60-Day Trial software included with this computer system is intended for evaluation purposes only. The software has been partially installed and you must complete installation of the software before you can use it. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-user options and operations.
15. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
16. Video recording to Blu-ray Disc™ media is done in MP2 format only.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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